

INFORMATION

VERESHCHAGIN VLADIMIR IVANOVICH ON HIS 70th BIRTHDAY

Translated from *Steklo i Keramika*, No. 12, pp. 37 – 38, December, 2012.

Vladimir Ivanovich Vereshchagin, member of the editorial board of the journal *Steklo i Keramika*, Doctor of Technical Sciences and Professor in the Department of the Technology of Silicates and Nanomaterials celebrated his 70th birthday during this year.

Vereshchagin Vladimir Ivanovich was born in 1942 and graduated with distinction in 1964 from the Tomsk Polytechnical Institute, Faculty of Chemical Technology (title: Process Engineer, specialty: silicon technology). After completing full-time graduate study at Tomsk Polytechnical Institute in 1968 he defended his candidate's dissertation and was awarded a Candidate's Degree in Technical Sciences with the specialty 05.17.11 "Technology of Silicates and Refractory Nonmetallic Materials."

In 1968 V. E. Vereshchagin began independent teaching and scientific work in the Department of Silicate Technology (the department was founded in 1902) at Tomsk Polytechnical Institute (Polytechnical University since 1992). In 1974 he was appointed docent.

Vladimir Ivanovich headed the Department of Silicate Technology from 1980 to March 2012 — for more than thirty-two years. V. I. Vereshchagin defended his doctoral dissertation in 1983 and became a professor in 1985.

In the last five years (since 2007) the Department of the Technology of Silicates and Nanomaterials occupied first place in the ministry rating in the specialty "Chemical technology of refractory nonmetallic and silicate materials" and twice (2002 and 2010) it was the top graduating department at the Tomsk Polytechnical University.

From 1968 to present V. I. Vereshchagin performed teaching, teaching-methodological and scientific work and worked to introduce scientific advances into industry. During different years V. I. Vereshchagin read courses of lectures in the following disciplines: physical-chemical methods of silicate research, chemical technology of thin ceramics and equipment in glass plants. At present he is teaching a course on the physical-chemistry of refractory nonmetallic and silicate materials; two textbooks for this course have been pub-



lished and reprinted and are used in all institutions of higher education in Russia and the CIS countries. These books have been recognized with Winner's Diplomas at competitions held at the Tomsk Polytechnical University in 2001 – 2003. V. I. Vereshchagin is now guiding students seeking bachelor and master degrees and supervising graduate and doctoral students.

Vladimir Ivanovich Vereshchagin is the author of a number of major scientific works in the chemistry and technology of silicate and refractory non-metallic materials. V. I. Vereshchagin now heads the Tomsk Siberian Scientific School of the Technology of Silicates and Nanomaterials, where the traditions of several generations are being preserved and developed. Within the framework of the priority direction "Industry of nanosystems and materi-

als" V. I. Vereshchagin directs work on the modification of additives of ceramic glassy and composite materials based on silicates and oxides. A doctoral dissertation has been defended and more than 500 scientific works, including six monographs, have been published and 85 Inventor's Certificates and patents for inventions have been awarded in this field. The patented scientific advances are used at enterprises in Siberia and the Urals (Tomsk Plant of Ceramic Materials and Marts, Plant for Artistic Ceramics, Kar'eroupravlenie, JSC, Novosibirsk Electrocorundum Plant, Southern Urals Radioceramic Plant, Angara Ceramic Plant). V. I. Vereshchagin has trained 36 Candidates of Science and six Doctors of Science. V. I. Vereshchagin's students are working in institutions of higher learning in Tomsk, Novosibirsk, Irkutsk, Krasnoyarsk and Abakan.

In 1988 a complex of scientific works on silicate chemistry and technology, supervised by V. I. Vereshchagin, on the subject "Silicate materials based on unconventional forms of calcium-magnesium-silicate raw material" was recognized by the first D. I. Mendeleev Prize of the All-Russia Chemical Society.

V. I. Vereshchagin's research has led to the adoption and development in Irkutsk Oblast' of a new silicate raw material — diopside rocks for the production of fine and building ce-

ramics in Russia (2003), which will make it possible to expand the raw materials base of the ceramic industry and improve the quality of the product produced.

The practical implementation of the scientific works in industry has been recognized with big gold medals at the exhibitions Stoisib-2001, Sibstroitekh-2002, Stoisib-2003, Exhibition Company Sibirskaya Yarmaka, Novosibirsk, and with a bronze medal of the All-Russia Scientific-Industrial Forum Rossiya Edinaya 2003, and the Exhibition Joint-Stock Company Nizhegorodskaya Yarmaka.

V. I. Vereshchagin is an active member of the International Academy of Higher Education and member of the Russian Academy of Natural Sciences, chairman of the dissertation council D.212.269.08 at Tomsk Polytechnical University and member of editorial board of the journal *Steklo i Keramika*.

V. I. Vereshchagin's scientific and pedagogical work has been recognized: Honorary Degree of the Administration of Tomsk Oblast' (2002); Honorary Degree of the Administration of the City of Tomsk (2002); Winner's Diploma at a competition in Tomsk Oblast' in the sphere of education and

science (2003); Winner's Diploma at a competition in the field scientific-research work at Tomsk Polytechnical University (2003); Diploma of the All-Russia Scientific-Industrial Forum Rossiya Edinaya, Nizhny Novgorod (2004); Anniversary Medal 400 Years of the City of Tomsk (2004); and, Winner's Diploma at the Competition of Tomsk Oblast' in the sphere of education, science, health and culture (2010). V. I. Vereshchagin has been awarded the titles Honored Chemist of the Russian Federation (1996) and Honored Scientist of the Russian Federation (2008) and he has been awarded the Order of Honor (2000).

Vladimir Ivanovich is a highly erudite specialist, excellent scientist and teacher and a remarkable interlocutor. He remains interested in sport and tourism, and he conquers rough Siberian rivers.

The editorial board and staff of the journal Steklo i Keramika cordially congratulate Vladimir Ivanovich on his birthday and wish him robust health, happiness, success and more creative successes!